

Response to Office Action
U.S. Application No. 09/839,039
Docket No.: 5974-076

Amendments to the Abstract:

Please replace the abstract with the following amended Abstract.

This invention presents a method and system for industrializing a designed part. This invention includes selecting a parting surface to divide the designed part, which includes a functional specification, into a first side and a second side, and selecting a draft angle. A change is computed in the first side and the second side using the selected draft angle. During the computation, the functional specification is maintained and the first side and second side meet on the parting surface. A face and a pulling direction can also be selected on the designed part. The selected face can be parallel to the pulling direction for the first side. Faces adjacent to the selected face can also be used in the computation. Once computed, the industrialized designed part can be displayed. An optimal blend draft method or a driving/driven blend draft method can be selected to compute the designed part.